Supporting information for Charest *et al.* (2003) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.242741799

Supporting Materials and Methods

Isolation of FIG-ROS cDNA. Total RNA isolated from the U118MG cell line was reverse transcribed with random hexamers by using Thermoscript reverse transcriptase (GIBCO). A portion of the FIG-ROS fusion cDNA was then amplified by PCR using the following oligonucleotides: AAAACTGTGATCCGAG and CAAGAGACGCAGAGT-CAGTTT. The intracellular kinase domain of ROS was amplified by using hRos-7, CTTCCAACCCAAGAGGAGATT, and hRos-5 CAACGCTATTAATCAGACCC oligonucleotides. The full-length FIG-ROS fusion hybrid was reconstituted by inserting the above-mentioned FIG-ROS portion into its cognate position in the FIG cDNA and by inserting the ROS intracellular kinase domain into the resulting FIG-ROS construct. All constructs generated by PCR were created with proofreading thermostable polymerases and were subsequently fully sequenced to ascertain integrity.